

A2-Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your newsletter.

May 1991

New Goodies

New! Fully assembled, software packed hard drives from:

Resource Central

100 Meg \$599

42 Meg Removable \$699

Hard drive prices are falling! We're now able to offer you a fully assembled SCSI ("scuzzy") hard drive, with 25 per cent more capacity than the hard drive kit we've sold in the past, for **\$50 less than** the kit price. Or a fully assembled SCSI removable media hard drive with the same mechanism we've sold in the past, for **\$175 less than** the kit price. Go figure.

Our two new drives are both the same size: 25 cm wide, 25 cm deep, and 6 cm high (a little less than 10 x 10 x 2.5, for those of you who prefer inches). Both models are the same color: Apple IIgs platinum. Both operate on all AC voltages between 90v and 240v (all that is necessary outside North America is to use the supplied North American power cord with an appropriate plug adaptor). Both drives come with a 1-year warranty.

Both models have in-use and power-on lights, two switched power outlets, two 50-pin Centronic style SCSI connectors, a shielded SCSI cable that attaches to one of the connectors, and a SCSI terminator that attaches to the other. Both have a push button SCSI ID number selector and FCC certification. Both drives have heads that 'auto-park' on shutdown; no additional Park command is necessary or advisable. But best of all, both models have a nifty **Resource Central** logo on the front and a ton of Resource Central software and data files installed and ready to go.

The 100 Megabyte drive comes with a 105 Meg (unformatted) Quantum subassembly. Quantum systems have an internal DisCache™ RAM cache that allows a fast 1:1 interleave (10.7 to 12 ms effective access time). Quantum drives have a 50,000 hour Mean Time Between Failure rating.

Our 42 Megabyte removable drive comes with the same 44 Megabyte (unformatted) Syquest subassembly we've sold in the past and is an ideal unit for backing up your main hard drive. These drives have a 20 ms average access time.

These hard drives will work on any Apple IIe, Apple IIgs, or Laser computer. If you don't already have a SCSI controller card, you'll need to get one and plug it into one of your slots so that you have something to connect the hard drive to. These drives will also work with a Macintosh or any other SCSI-capable system, however, you may need additional formatting software and/or drivers and you won't be able to access the data we include on the drive unless you have an Apple II-based system.

If you need a SCSI card, we have the largest selection available anywhere. **CVTech's RAMfast** is our favorite. It provides the fastest data transfer speeds by far. It works by keeping your most frequently accessed data in a RAM cache on the card itself. If you'd prefer to save some money, we also have **Apple's High Speed SCSI Card**, which sets

the standard for SCSI cards. We also carry the **Cirtech SCSI Card**, which is the only card that comes with software that allows you to use your SCSI drive with DOS 3.3, Apple Pascal, or CP/M. And it's the only card that has software that allows you to give several computers private partitions on a single hard drive (each computer needs its own Cirtech SCSI card). However, Cirtech's card isn't compatible with our 42 Meg SyQuest drive.

Under GS/OS you can access all 100 Megabytes of our new Quantum drive with any of these cards. When running ProDOS 8 programs, however, the Apple card can access just two of the four "partitions" on the drive unless you install it in Slot 5. This is sometimes impractical, particularly on the Apple IIgs. If access to more than two partitions under ProDOS 8 is important to you, we recommend the RAMfast or Cirtech cards.

No matter which SCSI card or disk drive you buy, we'll format it for you, install Apple's latest system software, and copy over some great files that are yours to keep, including the full text of every issue of **Open-Apple/A2-Central** ever published, a complete set of Apple technical notes in text files, the most complete collection of Apple IIgs icons ever assembled, sample issues of **8/16-Central**, **Stack-Central**, **TimeOut-Central**, and **Hyperbole**, and a year's worth of **A2-Central on disk**. This last item alone regularly sells for \$60 and includes numerous public domain and shareware programs, including utilities, games, patches, font and icon editors—even a word processor!

If you haven't yet purchased a hard drive, now's a good time to find out what speed and space are all about. Apple IIgs owners in particular will find living without a hard drive increasingly difficult, as new software, such as Apple's new **HyperCard IIgs**, sometimes requires a hard drive. And don't put off buying a hard drive now because you may buy another kind of computer in the future—if you do decide to move to another system, our SCSI hard drives will move with you.

If you already have a hard drive do you back it up regularly? The easiest, cleanest, safest way to back up your hard drive is to copy everything onto a removable 40-plus Megabyte cartridge. Backup is fast and the cartridge will even fit inside a safe deposit box.

Full assembled hard drives

A2-005	Resource Central 100 Meg	\$599.00*
A2-006	Resource Central 42 Meg Removable Media	\$699.00*
DC-007	extra cartridges for 42 Meg drive	\$99.00

SCSI cards

CT-SC	CIRTECH SCSI card	\$109.00
AP-001	Apple High-Speed SCSI card	\$119.00
CV-001	RAMfast SCSI card	\$219.00
*SHIP	Surface shipping to Canada or APO/FFO adrs	\$10.00
*SHIP	Surface shipping to other points outside US	\$20.00

CompuShare Beginner's Books

You've told us for a number of months now that there's a tremendous need for some introductory books about the Apple IIgs and about related Apple II areas. At long last we've located just what you're looking for: the CompuShare Productivity Series from CompuShare Press. Amazingly, we'd never heard of these folks until a few weeks ago and they'd never heard of us—the long list of companies selling Apple IIgs-related products in their *Your IIgs Guide* doesn't even mention us.

Nonetheless, CompuShare's books are just what we've been looking for. Here's what the series includes:

Your IIgs Guide

First published in 1989 and currently in its second edition, *Your IIgs Guide* is a good overview of what anyone needs to know to get started with an Apple IIgs. An overview chapter covers essentials such as memory expansion cards, the Desktop, Desk Accessories, and the Control Panel. Entire chapters are devoted to the

monitor, the keyboard, the mouse, 5.25 drives, 3.5 drives, hard drives, serial ports, printers, modems, and system software. Most chapters discuss available options, tell how the system under study works, and give some troubleshooting specifics.

The book also includes an extensive glossary of Apple IIgs terms, an index, a list of product recommendations and the telephone numbers of more than 100 companies that supply Apple IIgs-related products.

CO-004 **Your IIgs Guide** \$21.95

Hard Drive Guide

CompuShare's Personal Computer Report #1 is an introduction to hard drives. The report covers such information as how a hard drive works; what formatting, initialization, and interleave are; what the Small Computer Systems Interface (SCSI) is, why it's important, and how to troubleshoot problems; drive backup and recovery; drive organization; and other tips.

This Hard Drive Guide also includes bonus chapters on ImageWriter II maintenance, using AppleWorks GS, and on GS/OS.

CO-001 **Hard Drive Guide** \$14.95

Telecommunications Guide

CompuShare's Personal Computer Report #2 is an introduction to telecommunications. The report gives you the fundamentals of telecommunications and tells you how to select a modem and telecommunications software. You'll learn about serial communications, parity, half and full duplex, and packet switching in a few quick pages. The book also discusses bulletin boards (including where to get good lists of BBS phone numbers) and online information services. The final chapter explains the Hayes AT command set used by most popular modems.

CO-002 **Telecommunications Guide** \$12.95

GS/OS Guide

CompuShare's Personal Computer Report #3 is an introduction to GS/OS. The report covers such fundamentals as why you might want to create a RAMdisk with your extra IIgs system memory and how to do it, how to copy files from one disk drive to another, and the differences between the various versions of GS/OS.

CO-003 **GS/OS Guide** \$9.95

Great Utilities and Games from France

For the last couple of years, some of the most astounding software for the Apple IIgs has been produced in France. Demonstration and shareware versions of some of these products have dazzled user groups and conference attendees in the U.S. and other parts of the world.

Now the authors have arranged to provide English-language manuals for their products and we've arranged to distribute their products for them.

Photonix II

Photonix is the fastest 3.5 disk copy program we've found anywhere. It can make single copies or you can use it in mass production mode to make multiple copies of a single disk (we use it ourselves to copy thousands of disks a month).

Photonix II is a new commercial version of the original shareware *Photonix*. It requires an Apple IIgs with at least 1.128 Megabytes of memory and at least one Apple 3.5 drive (Unidisk and AMR 3.5s

aren't supported). Unlike the original *Photonix*, *Photonix II* works on all ROM versions of the IIgs and can be installed on a hard drive.

Photonix II allows you to control the interleave on the disks you copy, will reorganize the files to speed access if you choose, and will check your source disk for several viruses. You can also control the number of retries *Photonix II* should attempt after an error. It will also copy 400K and 800K Macintosh disks.

TB-009 **Photonix II** \$45.00

Bouncing Bluster II

Bouncing Bluster II has been a big hit among our Nintendo-satiated game reviewers. It's a distant Apple IIgs-only descendant of *Brick Out*, the game Steve Wozniak wanted to play so much that he designed and built the original Apple II to play it on.

Like *Brick Out*, there's a ball and a paddle and bricks that break when the ball hits them. Beyond that simple comparison, however, comparing these two games is like contrasting a bullock cart with the space shuttle.

Bouncing Bluster II has several kinds of bricks. Some break, some don't, and some send out little pills that change the characteristics of the paddle. For example, one pill makes the paddle bigger and another allows you to move it up and down the screen as well as across the bottom. The program takes full advantage of the graphic and sound capabilities of the Apple IIgs.

But that's just the beginning. *Bouncing Bluster II* comes with a complete construction kit that allows you to create your own multi-level, multi-featured games. It's been a hit at our house and it will be one at yours, too.

TB-010 **Bouncing Bluster II** \$59.00

Space Shark

Space Shark is the fastest arcade game ever written for the Apple IIgs. It's a Defender-type shoot-the-aliens game with 15 levels of difficulty. It can be played with either the mouse or with a joystick.

TB-011 **Space Shark** \$49.00

Updates and Price Changes

ProSel-16

As mentioned in last month's **A2-Central**, the addition of new utilities, including an appointment calendar, text editor, and calculator, as well as enhancements to the backup and disk optimization utilities, have crowded the documentation off the *ProSel-16* distribution disk. Consequently, *ProSel 16* is being released in an entirely new version, which for the first time includes printed documentation.

ProSel is a program we've been giving our highest recommendation to since way back in

Volume 1. *ProSel* began as a badly-needed program selector for ProDOS, but has grown into the most comprehensive disk utility program available for any computer anywhere. You can use it to do standard stuff such as copy and delete files and backup hard disks, you can use it to do unusual stuff like undelete files and sort directories, and you can use it to do magic stuff like fix damaged disks and automatically run programs on a schedule you select. The IIe/IIc version is still disk-based and still \$40, the new GS/OS version is \$85. If you already own ProSel

and you want an update, please contact Bredon directly. We are not allowed to handle updates. Update prices were outlined on the front page of last month's newsletter.

GB-001 **ProSel 8** \$40.00

GB-002 **ProSel 16** \$85.00

Hard Drives on a card

A weak dollar caused us to raise the price of Cirtech's internal hard drives last month; Cirtech responded by lowering the price of its drives

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The A2-Central Summer Conference

For a good time, call 913-469-6502

Experience has taught us that what you like most about our summer conference is that it's fun. Meeting and staying up half the night (or longer) with other Apple II hackers is a blast. And this year you can stay up late more nights than ever before!

Kansas City
Tuesday – Sunday
July 16 to 21

Join us again this year in Kansas City for the THIRD annual **A2-Central Summer Conference**. This year's conference has been expanded from our traditional two-day affair to six big days.

Developer Colleges

If you come for Tuesday and Wednesday's activities, you'll have your choice of one of four two-day developer colleges. One of these will be Apple's Apple IIgs College. Another will be an introduction to Pascal programming on the Apple IIgs, by Mike Westerfield, developer of the Orca series of development tools from The Byte Works. The third will be an introduction to C programming on the Apple IIgs, by Walker Archer and Gary Morrison. The fourth will be an intensive look at authoring software with *HyperStudio*, which will be led by Roger Wagner.

KansasFest

If you come for Thursday and Friday's activities, you'll get what we've traditionally offered at our summer conference—two days packed with sessions about the Apple II. Apple itself will once again fully participate in this portion of our conference. A number of sessions will include engineers from Apple. Apple's Developer Technical Support team will once again be running a Bug-Busting room at the conference. Meet and discuss your problems with Apple's own gurus.

Apple Central Expo

And, at the vociferous request of previous attendees, if you come for Saturday and Sunday's activities, you'll spend your time at the **Apple Central Expo**, a two-day AppleFest-type show sponsored by

Exhibitors

This year you'll be able to reach 2,000 to 3,000 midwestern Apple users who will attend the **Apple Central Expo** on Saturday and Sunday, July 20 & 21. The exhibit floor will be open from 10 am to 6 pm both days, at the National Office Machine Dealers Assn facility at 12411 Wornall Road, Kansas City, Mo.

For more information on obtaining exhibit space or expo tickets contact Bob Berkowitz at:

Events Specialists, Inc.
17 Lilac Road
Sharon, MA 02067

800-955-6630

Voice: 617-784-4531

Fax: 617-784-5423

Apple's Midwestern Region.

Facilities

Bigger and better than ever, this year's summer conference, including the Apple Central Expo, will be held at a state-of-the-art conference facility owned by the National Office Machine Dealer's Association (NOMDA) in Kansas City, Mo.. This facility is within a serial cable's length of Avila College, where our conference has been held in the past and where, once again, we'll be able to provide dormitory rooms and meals to those who want to have the best time possible meeting and learning from other developers.

Make your plans to attend now. Whether you come for one day or six, we promise you'll enjoy the sessions you'll attend, the exhibits you'll see, and the people you'll meet.

You must register by June 1 to get the best prices. We have more rooms available at Avila than ever before, consequently, this year we can offer *private* rooms. Or, if you prefer, choose double-occupancy and save some money. Avila's prices include evening and morning meals surrounding the nights of your

stay. College and conference prices include lunch. Food will be an extra-cost option at the Apple Central Expo.

If you like, you can pay for the sessions only and make your own hotel and transportation arrangements. Or you can eat and stay at Avila for \$30 a night (\$40 for a private room). And, for \$30 more, we'll arrange to have you met at the airport and brought directly to Avila and returned. This final option would cover ALL of your costs for the conference except airfare.

Registration Information

Tuesday & Wednesday			
CONF-GS	Apple IIgs College	before	after
CONF-P	Pascal College	June 1	June 1
CONF-C	C College		
CONF-HS	HyperStudio College		
	College of choice (lunch incl)	\$150	\$175
Thursday & Friday			
CONF	Dev Conference (lunch incl)	\$300	\$350
Saturday & Sunday			
EXPO	Apple Central Expo	\$10	\$15
(To purchase Expo tickets only, call 800-955-6630)			
Accommodations			
TRANS	Airport/Avila round trip	\$30	\$35
AVILA-1	2 Meals, Private Room, per day	\$40	\$45
AVILA-2	2 Meals, Double Room, per day	\$30	\$35
Rooms at Avila include supper the night of your stay and breakfast the next morning. You must indicate which nights you want to stay at Avila. Accommodations are not available before Monday the 15th or after Saturday the 20th.			

Travel Arrangements

DaySpring Travel of Overland Park will arrange your conference airfare and hotel reservations. Call and ask DaySpring about discounted air and rail fares and hotel rooms. Call DaySpring at:

800-878-0211

AppleWorks

Ultra-AppleWorks

Have you heard about the power of macro-enhanced AppleWorks, but been uncertain how to release it for your own computing needs? Now there's help. *Ultra-AppleWorks* is a new twelve-lesson tutorial (over 100 pages) by Will Nelken designed for those who want to enhance and customize the high-performance power of AppleWorks. Well-organized, carefully written, and even funny, *Ultra-AppleWorks* offers training in using, recording, and writing macros with *TimeOut UltraMacros*.

Ultra-AppleWorks takes a step-by-step progressive approach that will lead the novice comfortably and still enhance the veteran user's capabilities. Complete descriptions of all macro tokens are included, plus an abundance of helpful tips, useful sample macros, and reference charts. For the power macro user, a list of over 150 useful Peeks and Pokes has been included. The manual is fully indexed for ease of reference.

Ultra-AppleWorks is available in two formats: you can get the book entirely on a 3.5 disk, or for \$5 more you can get a printed, spiral bound book with an accompanying 5.25 disk containing the book's sample macros. Both formats include a table of contents and an index.

MM-002	Ultra-AppleWorks (UltraMacros tutorial on 3.5 disk)	\$19.95
MM-003	Ultra-AppleWorks (UltraMacros tutorial in book format)	\$24.95

Other TimeOut UltraMacros items

BB-005	TimeOut UltraMacros (AppleWorks 3.0)	\$49.95
BB-006	MacroEase (requires UltraMacros 3.0)	\$34.95
MM-001	Ultra AWesome Macros (requires UltraMacros 3.0)	\$19.95
NA-001	Munz: UltraMacros Primer	\$19.95

AppleWorks Books

IN-004	Wilkin: Best Book of AppleWorks	\$21.95
IN-006	Aron: Using AppleWorks (Que)	\$21.95
SY-008	Ericson: AppleWorks, Tips and Techs	\$19.95
DS-003	disk for this book	\$12.00
CE-001	Thomas: ClassWorks	\$49.95

Subscriptions, Back Issues, Ordering Information

A2-Central

A2-Central (formerly **Open-Apple**) has been published monthly since January, 1985. Single back issues are \$2 each. Bound, indexed annual volumes are \$14.95. A full set of bound volumes and single issues for the current year is available for \$39. The **Full-Text on Disk** version of our back issues is shipped on 3.5 disks and takes up about 4 megabytes of hard disk storage. Includes text-talking software or use with full-text search software such as *Fastdata Pro* or *Prosel*.

Bound, indexed back issue volumes

OA-001	Vol. 1	Jan 1985-Jan 1986	\$14.95
OA-002	Vol. 2	Feb 1986-Jan 1987	\$14.95
OA-003	Vol. 3	Feb 1987-Jan 1988	\$14.95
OA-004	Vol. 4	Feb 1988-Jan 1989	\$14.95
OA-005	Vol. 5	Feb 1989-Jan 1990	\$14.95

Full Set Specials (every issue ever published)

FS-N	All five volumes and current singles	\$39.00
FS-D	Our full text on 3.5 disks	\$39.00

A2-Central on disk

A2-Central disks have been published monthly since February, 1989. Each 800K, 3.5 disk contains the full text of that month's paper issue and text-talking software for blind subscribers. In addition, specific issues contain Apple system software and technical note updates and the world's best public domain and shareware software. Listings of the contents of each disk have been published in previous catalogs as shown below.

catalog	disk issues
Aug 89	2/89 to 7/89
May 90	8/89 to 12/89
June 90	1/90 to 2/90
July 90	3/90 to 6/90

Disks are available in 3.5 format only.

Back issues

Our back issue disks are available singly for \$10, in quarterly sets of 3 for \$6 each, or in annual sets of 12 for \$5 each.

Quarterly disk sets					\$18.00
Year	Feb/Mar/Apr	May/Jun/Jul	Aug/Sep/Oct	Nov/Dec/Jan	
1989	A2-89S1	A2-89S2	A2-89S3	A2-89S4	
1990	A2-90S1	A2-90S2	A2-90S3	A2-90S4	

Annual disk sets					\$60.00
Year	Feb to Jan following year				
1989	A2-89FS				
1990	A2-90FS				

Subscription conversions: Figure out how many disks you'll get between the first one you want and the month your subscription expires and send us \$4.75 per disk. **New subscriptions:** By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk ((\$84 - \$28) / 12).

8/16-Central

8/16-Central (formerly **8/16**) has been published every month since March 1990. Each issue consists of one 800K, 3.5 disk aimed at the hearts and minds of 8- and 16-bit Apple II programmers. Edited by Jay Jennings. **8/16-Central** back issues are available singly for \$10 each or in quarterly sets of 3 for \$5 each.

816-90S1	Quarterly disk set (March/April/May 90)	\$15.00
816-90S2	Quarterly disk set (June/July/Aug 90)	\$15.00
816-90S3	Quarterly disk set (Sep/Oct/Nov 90)	\$15.00
816-90S4	Quarterly disk set (Dec/Jan/Feb 91)	\$15.00
816-90FS	Annual disk set (March 90 to Feb 91)	\$54.00

TimeOut-Central

TimeOut-Central has been published every other month since September, 1990. Each issue consists of one 800K, 3.5 disk and includes a column by the editor, letters from readers, as well as public domain and shareware AppleWorks and TimeOut files. **TimeOut-Central** back issues are \$10 each.

Hyperbole

Hyperbole will be published every other month beginning in January 1991. Unlike our other publications, **Hyperbole** isn't about computers. It's an eclectic hypermedia journal—a multimedia literature magazine. **Hyperbole** is stories. **Hyperbole** is poetry and art and sounds. **Hyperbole** is a new publication that mixes literary art and hypermedia. In real life, **Hyperbole's** creator and editor, Greg Roach, is associate artistic director of the Stages Repertory Theatre in Houston.

Each subscription to **Hyperbole** includes Issue 0, a sampler that has a special version of **HyperStudio** on it that you can use to access subsequent issues. There's no need to own **HyperStudio**. We'll send you the sampler by itself for just \$3. (A note to parents: unlike our other publications, but like all literature, the material in **Hyperbole** ranges from G- to R-rated. Some selections are unsuitable for children.) **Hyperbole** back issues are \$10 each.

HB-SAMP	Hyperbole Sampler Disk	\$3.00
Sampler disk included free with your subscription.		

Stack-Central

Stack-Central has been published every other month since February, 1990. Each issue consists of two 800K, 3.5 disks and includes a **HyperStudio** stack containing editor Terry Baker's tips, tricks, and letters from readers for that month. Each issue also includes public domain and shareware stacks. Specific issues contain sounds, xcords, and other material you can use in your own stacks. **Stack-Central** back issues are available for \$10 each.

SC-90S1	Semiannual disk set (Feb/Apr/Jun 90)	\$20.00
SC-90S2	Semiannual disk set (Aug/Oct/Dec 90)	\$20.00
SC-90FS	Annual disk set (Feb 90 to Dec 90)	\$36.00

Resource-Central Disk Sampler

Latest issue of **A2-Central** on disk, **8/16-Central**, **TimeOut-Central**, and the **Stack-Central** and **Hyperbole** sample disks.

RC-SAMP	Resource-Central Disk Sampler	\$12.50
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Subscriptions

The expiration date of your current subscription is shown on our self-mailer to the right of your name ("last issue"). We offer one-, two-, and three-year subscriptions to the paper-only version of **A2-Central**, to a paper-plus-3.5-disk version of **A2-Central**, and to the 3.5-disk based **8/16-Central**, **TimeOut-Central**, **Hyperbole**, and **Stack-Central**.

Subscription prices	1	2	3
	year	years	years
A2-Central	\$28	\$54	\$78
12 issues/year, paper only			
A2-Central (disk)	\$84	\$162	\$234
12 issues/year, paper & 3.5 disk			
8/16-Central	\$69	\$135	\$198
12 issues/year, 3.5 disk only			
TimeOut-Central	\$42	\$81	\$117
6 issues/year, 3.5 disk only			
Hyperbole	\$42	\$81	\$117
6 issues/year, 3.5 disk, requires Apple IIGS			
Stack-Central	\$42	\$81	\$117
6 issues/year, 3.5 disk, requires HyperStudio			

Subscription prices include free AIR MAIL delivery world-wide.

Ordering Information

If you received this catalog in the envelope with our newsletter, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please use it to order stuff from us. When you fold and lick the form as shown, our address will be on the outside and it will be ready to stamp and mail. Please don't send us a photocopy of the form unless you **photocopy both sides**.

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

A2-Central
P.O. Box 11250
Overland Park, KS 66207

or call us:

Voice: 913-469-6502

Fax: 913-469-6507

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enough so that we could reduce the 20 Meg version back to its old price and reduce the 40 Meg version an additional \$50. See our April 1990 catalog for complete details on these portable, desk-space saving hard drives that fit in a slot (or your shirt pocket). These drives don't require the additional expense of a SCSI card, as they come already attached to one.

CT-CID20	Cirtech 20 Meg Hard Drive	\$695.00
CT-CID40	Cirtech 40 Meg Hard Drive	\$845.00

GSNumerics

Spring Branch Software, publisher of **GSNumerics**, has the lowered the suggested price of its package to \$99.95. We can now sell it to you for \$79.95. **GSNumerics** is designed to enhance the mathematics skills of high school students. It graphs functions and curves, does matrix operations, solves systems of linear equations with up to 10 equations and 10 unknowns, and much more. Also turns your IIGS into a 64-function, four register scientific calculator. Data, functions, and sessions can be saved to disk.

SB-001	GSNumerics	\$79.95
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FastData Pro

FastData Pro is incredibly fast full-text searching software. You tell it the word or phrase you're interested in and what files to scan and it will find the sentence or paragraph you're after. If you buy one of our new software-loaded hard drives, for example, you could use **FastData Pro** to scan the full text of our back issues or Apple's technical notes to find exactly what you're looking for.

This price reduction is the result of an inventory overstock and will expire on August 1, 1991. Our normal price for **FastData Pro** is \$49.95.

FD-001	FastData Pro	\$29.95
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GEnie Master

GEnie Master is Tom Hoover's macro program that allows you to automate your access to **GEnie** and do your thinking offline. No price change here, but Hoover has released a new version that works with **AppleWorks 3.0**. The previous version only worked with 2.X versions of **AppleWorks**. Also requires **Talk Is Cheap**.

TH-001	GEnie Master	\$20.00
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Harmonie

The **Harmonie** Printer/Parallel Card Drivers from Vitesse have been enhanced. We now have version 2.0 in stock.

Among many additions are selectable brightness, checkerboard and halftone dithering, independent control of red/blue/green enhancement and muting, full proportional spacing and justification, application-specific printer settings, and more...in addition to all the features in the **Harmonie VI.02** package.

VI-006	Harmonie	\$37.00
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Orca C

We now have version 1.2 of **ORCA/C** from the ByteWorks in stock. No price change but the new version fixes all known bugs, enhances several commands, and comes with new installer scripts and icons. A new directive lets you create programs that can exit with an RTL, making it possible to write CDEVS, XCMLS, and INITs directly in C.

BW-003	ORCA/C	\$90.00
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